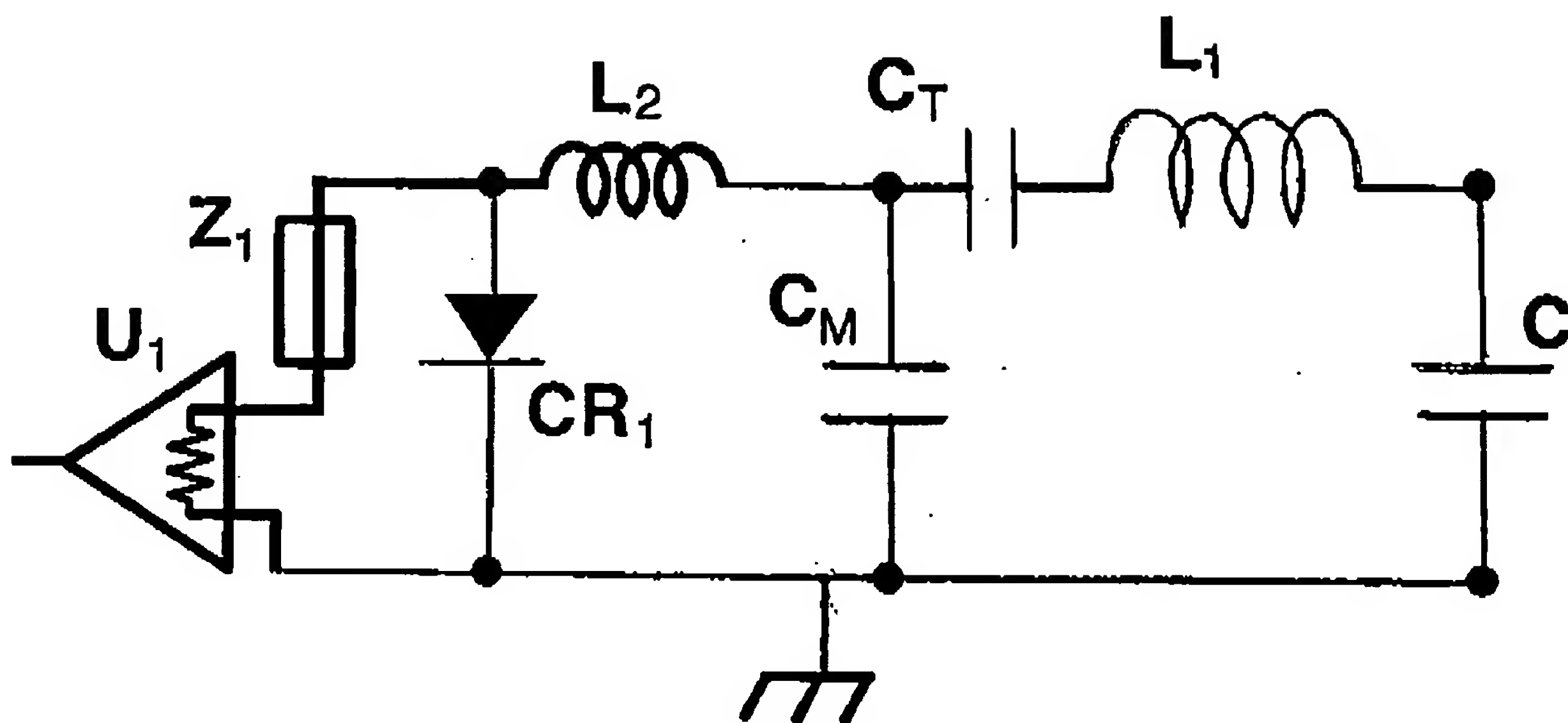


NEW SHEET



L1, RX, typ 190 nH, $Q \approx 60$ (body loaded)
 L2, TRAP, typ 30 nH, parallel resonant to C_M
 C_T TUNE, typ 39 pF; C_M MATCH, typ 220 pF
 $C = C_T C_M / (C_T + C_M)$
 CR1 Pin Diode, bias (not shown) on for TX, off for RX
 Z1, half wave line
 U1, PREAMP, $R_{in} \approx 3-5 \Omega$

FIG. 4